

Data Path : Z:\HPCHEM1\BNA F\DATA\BF080817\
 Data File : BF097470.D
 Acq On : 8 Aug 2017 15:35
 Operator : SJ/JU
 Sample : I4610-09
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-C

Quant Time: Aug 08 17:55:25 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF072517.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Aug 07 16:02:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.40	152	95954	20.00	ng	0.00
21) Naphthalene-d8	7.69	136	380097	20.00	ng	-0.01
38) Acenaphthene-d10	9.43	164	168175	20.00	ng	-0.01
63) Phenanthrene-d10	10.90	188	308517	20.00	ng	-0.01
75) Chrysene-d12	13.53	240	225479	20.00	ng	-0.01
86) Perylene-d12	14.87	264	162282	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.02	112	798545	125.46	ng	0.01
7) Phenol-d6	6.08	99	916704	126.15	ng	0.00
23) Nitrobenzene-d5	6.98	82	628170	96.95	ng	-0.01
41) 2,4,6-Tribromophenol	10.22	330	203315	153.01	ng	-0.01
44) 2-Fluorobiphenyl	8.77	172	1043920	105.34	ng	0.00
78) Terphenyl-d14	12.49	244	778253	70.37	ng	0.00

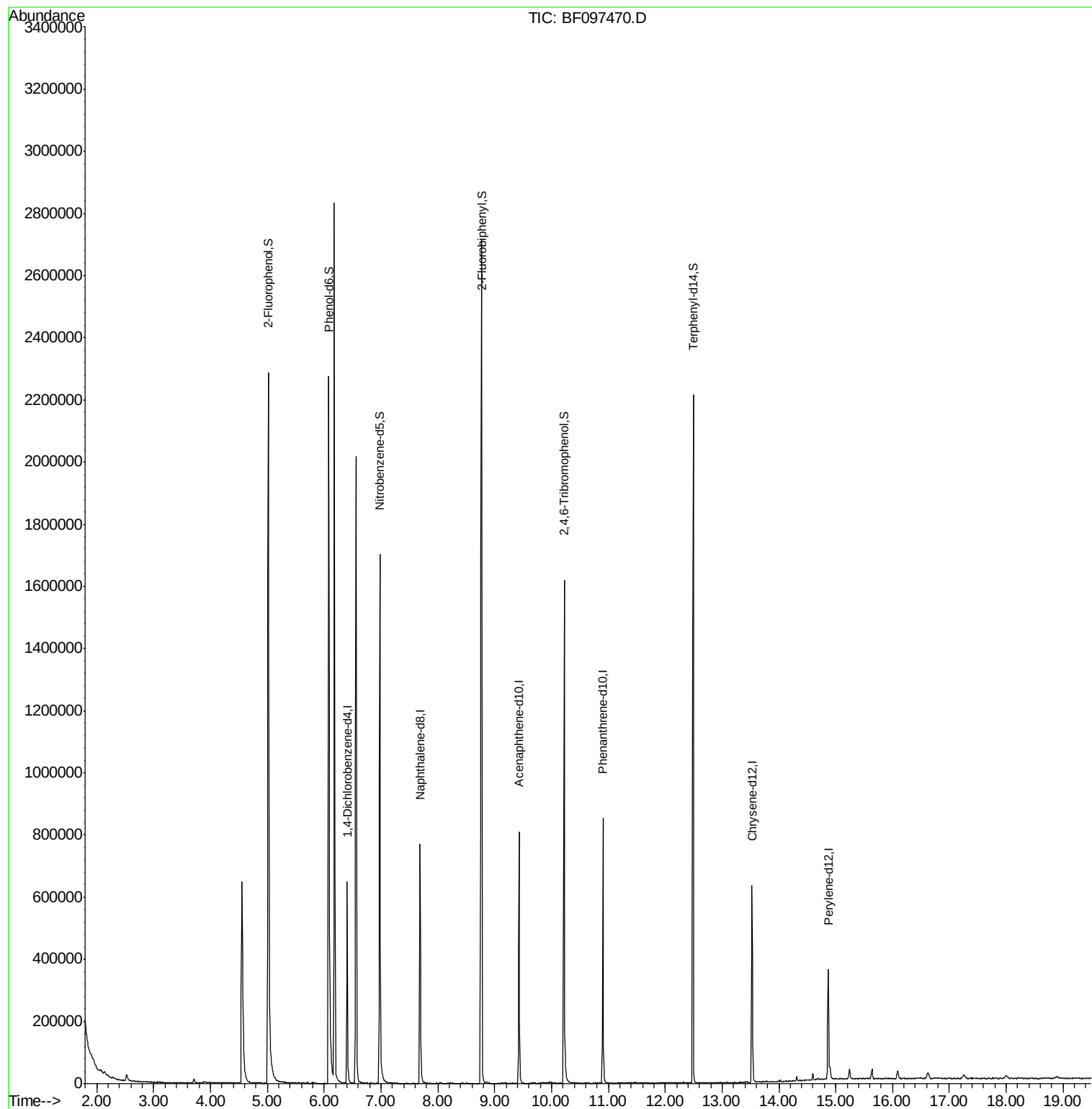
Target Compounds Qvalue

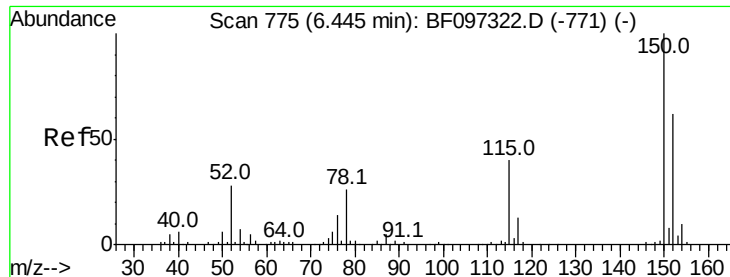
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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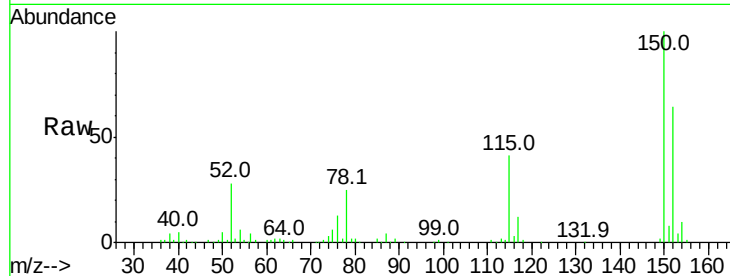


#1

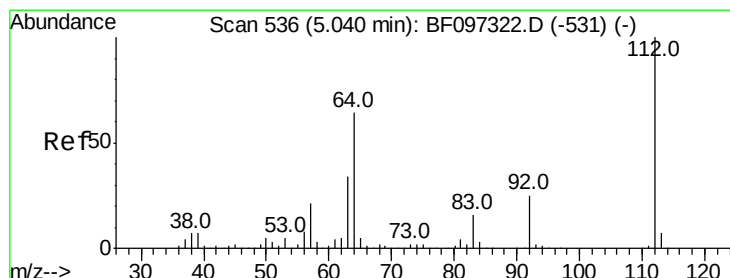
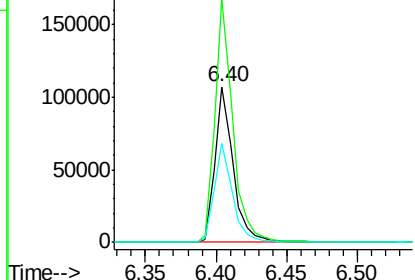
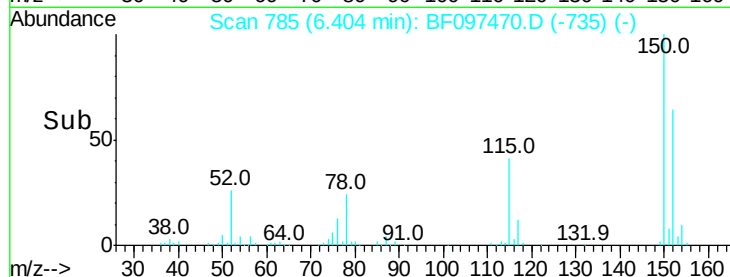
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.40 min Scan# 785
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-C

Tot Ion:152 Resp: 95954
 Ion Ratio Lower Upper
 152 100
 150 156.3 126.2 189.2
 115 63.7 52.2 78.2



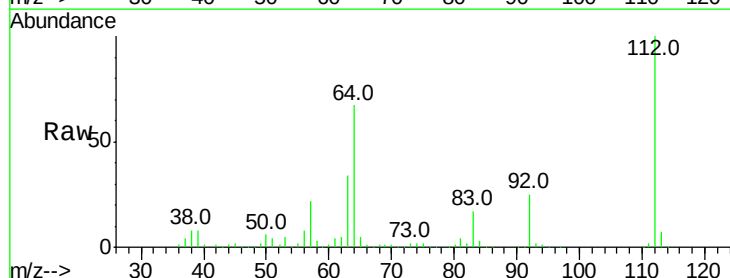
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



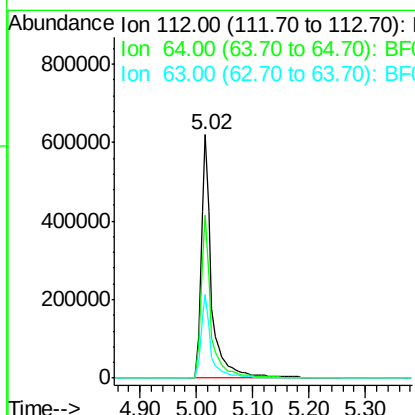
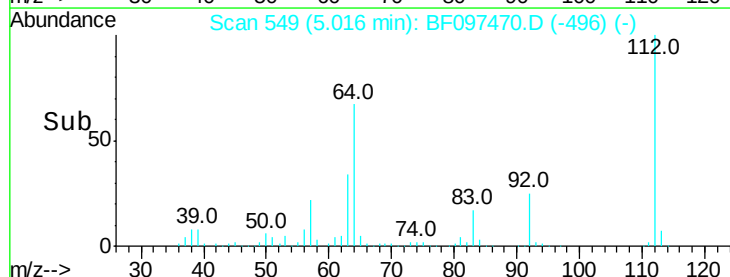
#5

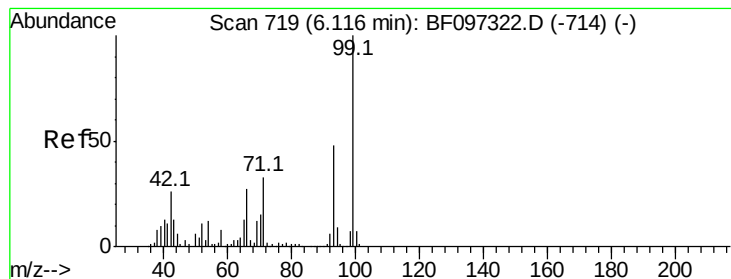
2-Fluorophenol
 Concen: 125.456 ng
 RT: 5.02 min Scan# 549
 Delta R.T. 0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Tgt Ion:112 Resp: 798545
 Ion Ratio Lower Upper
 112 100
 64 67.0 46.0 69.0
 63 34.4 23.4 35.0



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF0
 Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 126.153 ng

RT: 6.08 min Scan# 730

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-C

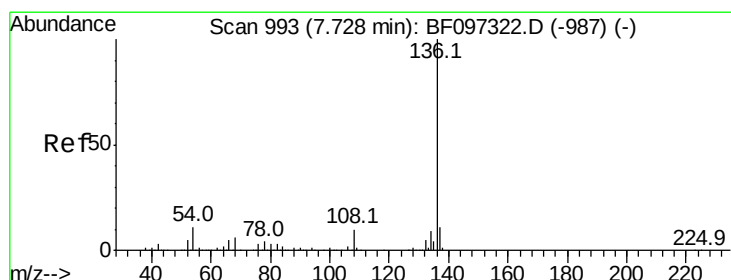
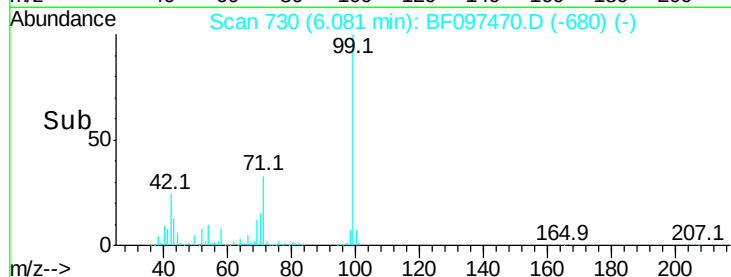
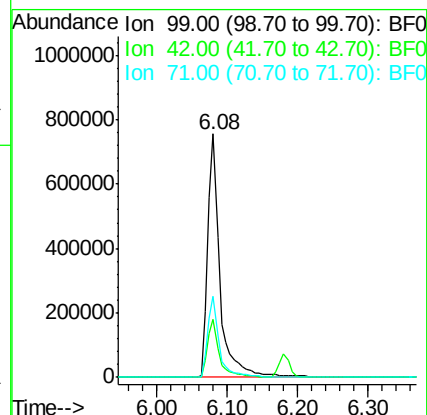
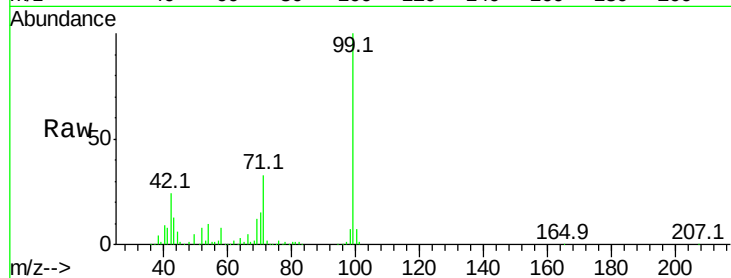
Tot Ion: 99 Resp: 916704

Ion Ratio Lower Upper

99 100

42 24.0 13.5 20.3#

71 33.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.69 min Scan# 1003

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Tgt Ion: 136 Resp: 380097

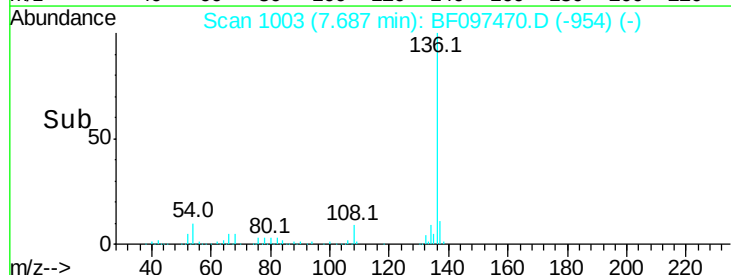
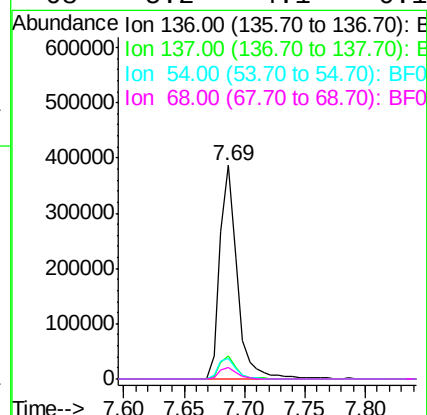
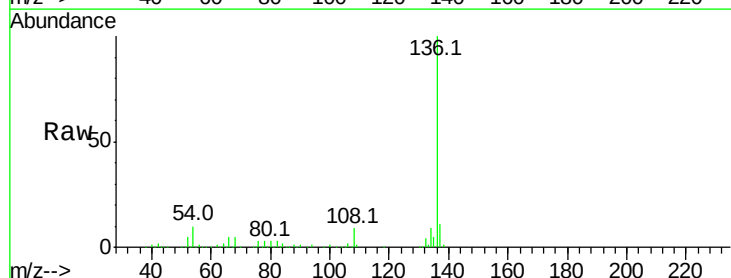
Ion Ratio Lower Upper

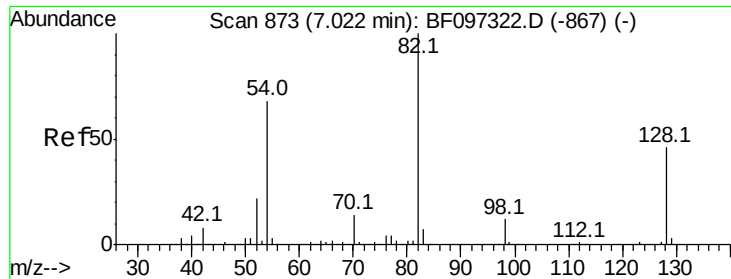
136 100

137 10.8 8.5 12.7

54 9.7 4.9 7.3#

68 5.2 4.1 6.1

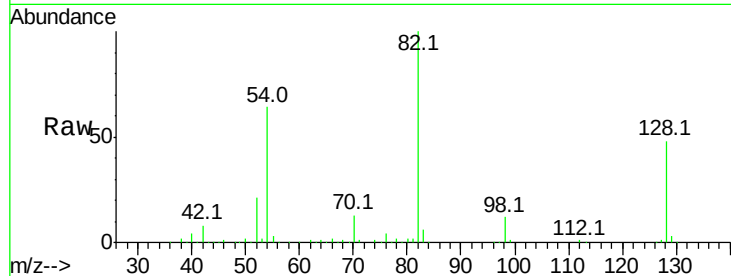




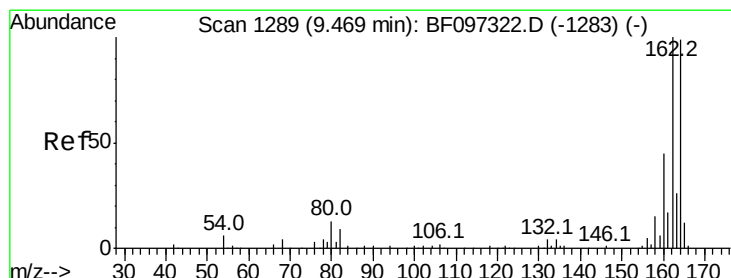
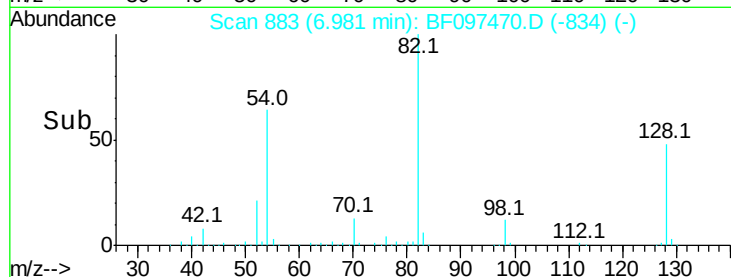
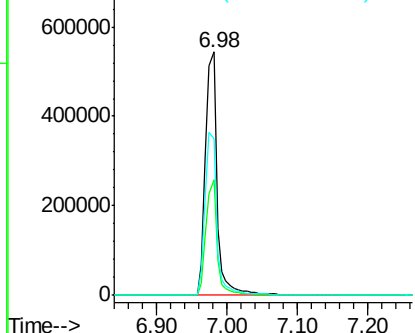
#23
 Nitrobenzene-d5
 Concen: 96.951 ng
 RT: 6.98 min Scan# 883
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Instrument :
 BNA_F
 ClientSampleId :
 PL-02-080317-C

Tot Ion: 82 Resp: 628170
 Ion Ratio Lower Upper
 82 100
 128 47.5 34.0 51.0
 54 64.3 42.2 63.2#

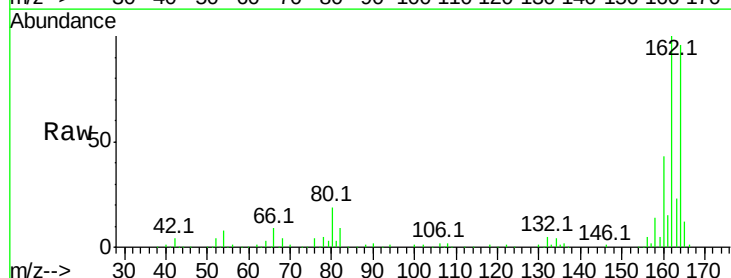


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

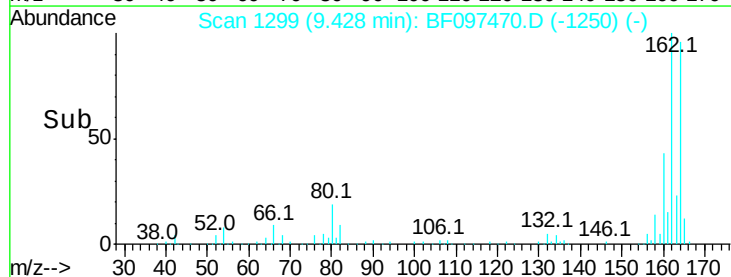
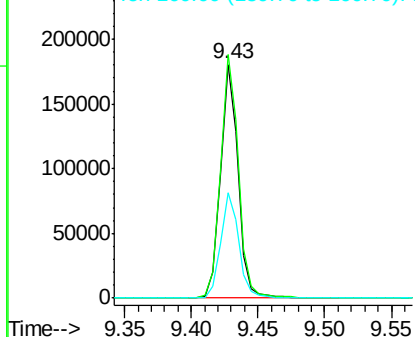


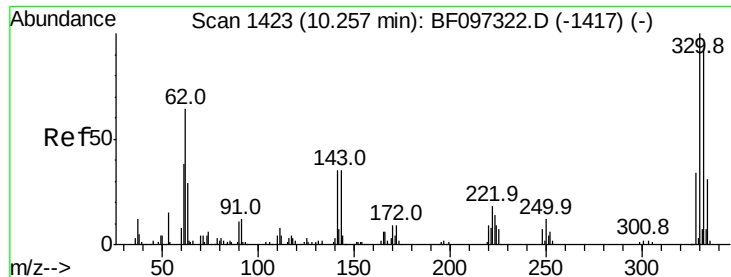
#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.43 min Scan# 1299
 Delta R.T. -0.01 min
 Lab File: BF097470.D
 Acq: 8 Aug 2017 15:35

Tgt Ion:164 Resp: 168175
 Ion Ratio Lower Upper
 164 100
 162 104.1 82.6 123.8
 160 45.1 36.2 54.2



Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E





#41

2,4,6-Tribromophenol

Concen: 153.013 ng

RT: 10.22 min Scan# 1434

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-C

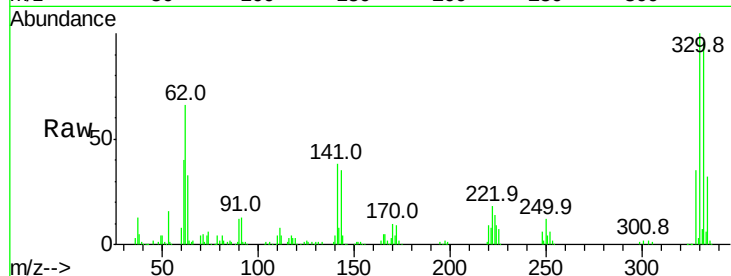
Tot Ion:330 Resp: 203315

Ion Ratio Lower Upper

330 100

332 96.1 76.6 115.0

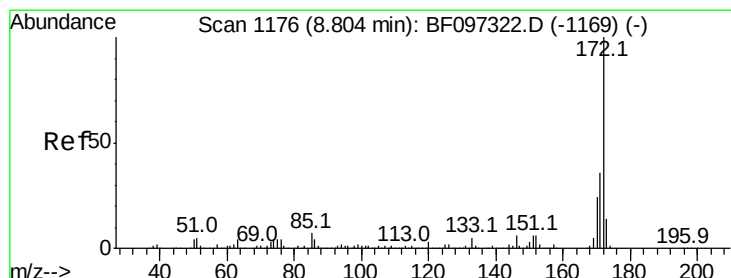
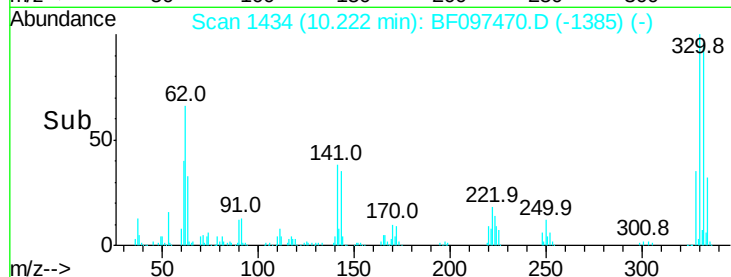
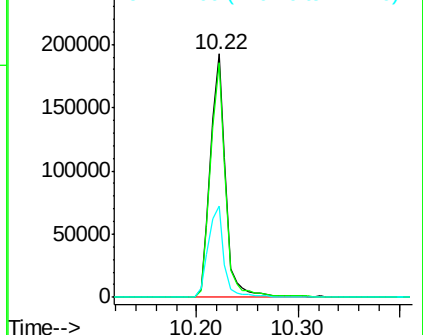
141 38.6 31.4 47.2



Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44

2-Fluorobiphenyl

Concen: 105.345 ng

RT: 8.77 min Scan# 1187

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

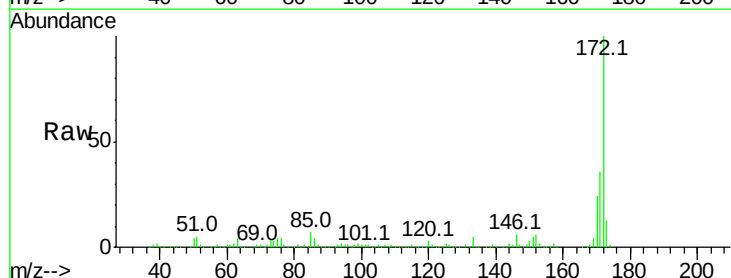
Tgt Ion:172 Resp: 1043920

Ion Ratio Lower Upper

172 100

171 35.9 29.6 44.4

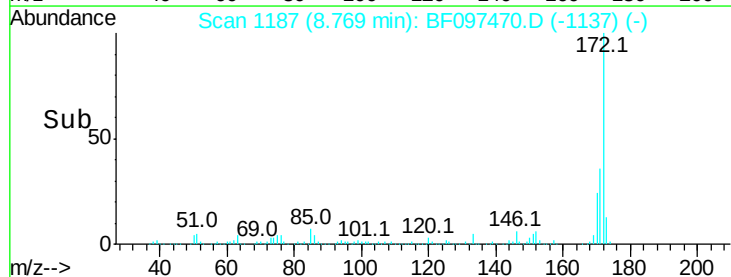
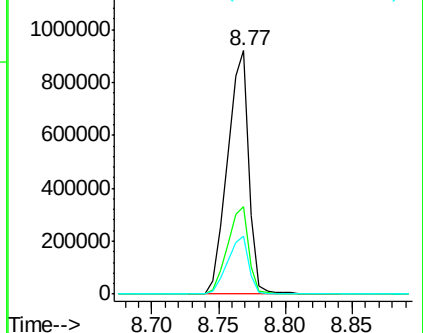
170 24.0 19.8 29.8

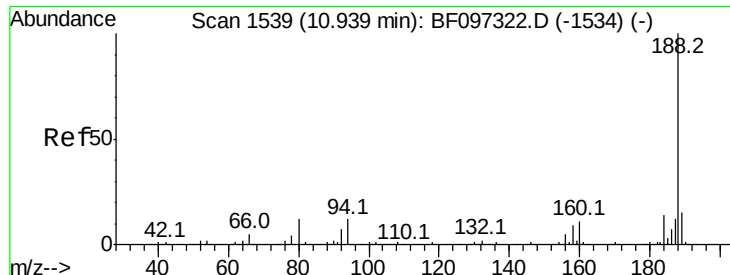


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

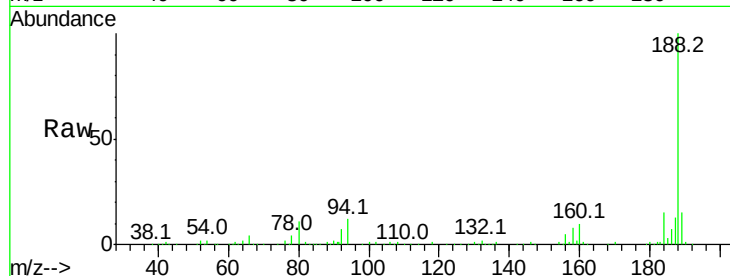




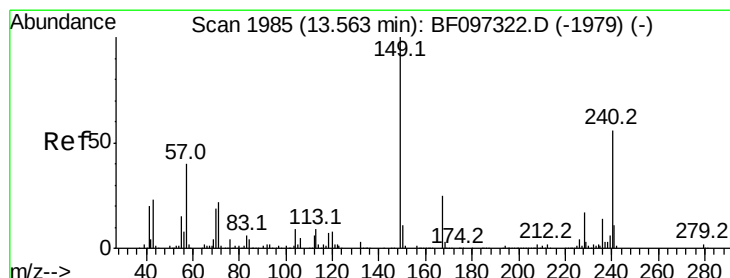
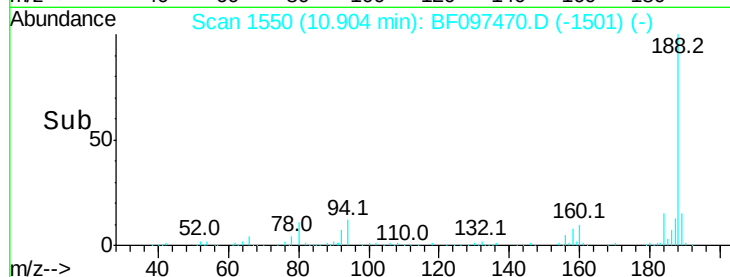
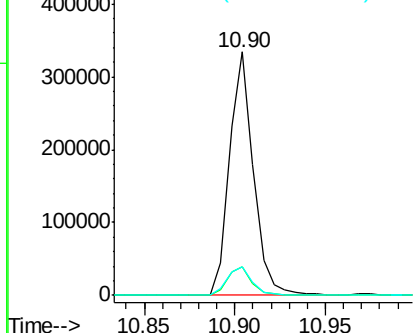
#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 10.90 min Scan# 1550
Delta R.T. -0.01 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Instrument :
BNA_F
ClientSampleId :
PL-02-080317-C

Tot Ion:188 Resp: 308517
Ion Ratio Lower Upper
188 100
94 11.7 9.4 14.2
80 11.5 10.2 15.2

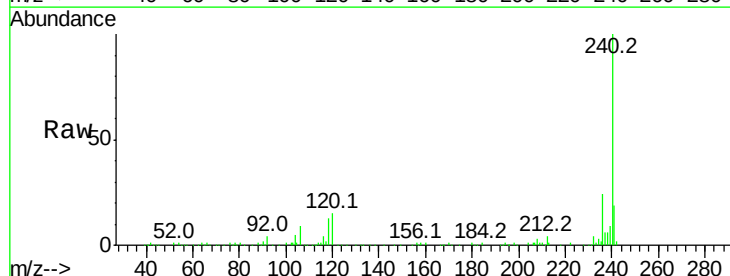


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

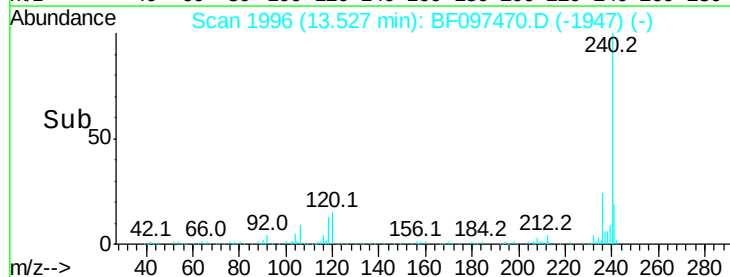
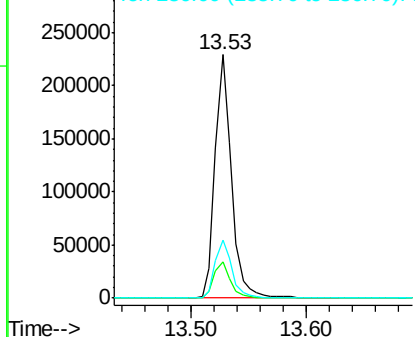


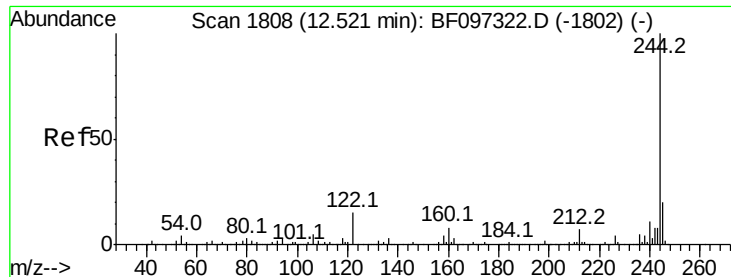
#75
Chrysene-d12
Concen: 20.000 ng
RT: 13.53 min Scan# 1996
Delta R.T. -0.01 min
Lab File: BF097470.D
Acq: 8 Aug 2017 15:35

Tgt Ion:240 Resp: 225479
Ion Ratio Lower Upper
240 100
120 14.8 5.8 8.8#
236 24.1 20.5 30.7



Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 70.372 ng

RT: 12.49 min Scan# 1820

Delta R.T. -0.01 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

Instrument :

BNA_F

ClientSampleId :

PL-02-080317-C

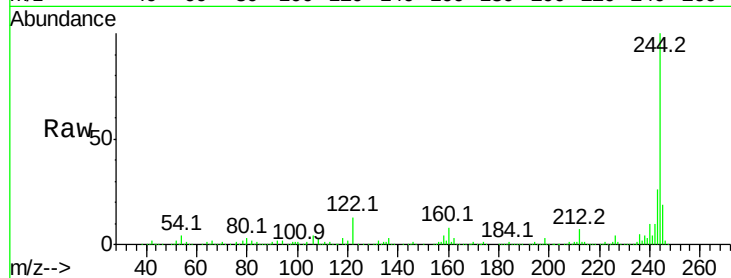
Tot Ion:244 Resp: 778253

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

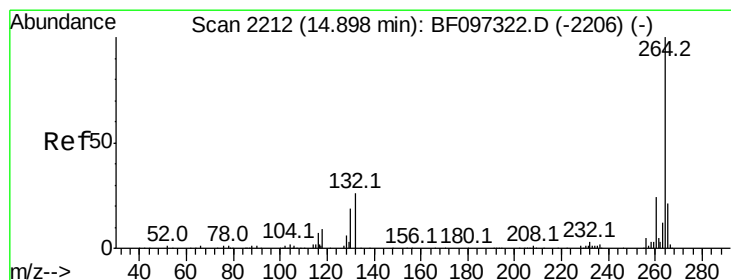
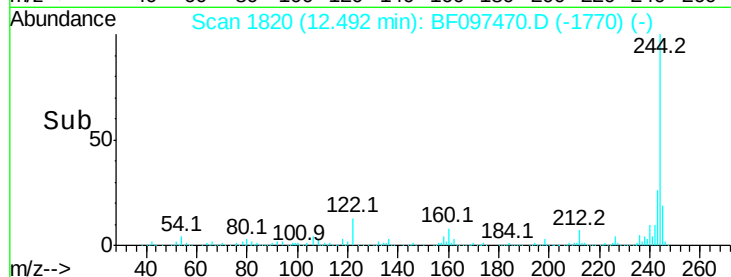
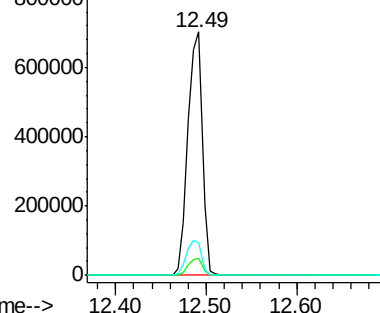
122 13.3 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#86

Perylene-d12

Concen: 20.000 ng

RT: 14.87 min Scan# 2224

Delta R.T. 0.00 min

Lab File: BF097470.D

Acq: 8 Aug 2017 15:35

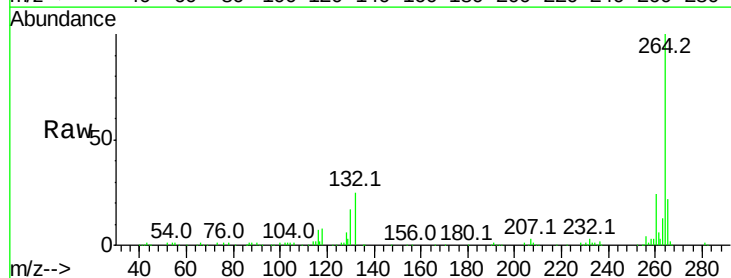
Tgt Ion:264 Resp: 162282

Ion Ratio Lower Upper

264 100

260 24.1 19.5 29.3

265 21.6 17.2 25.8



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

